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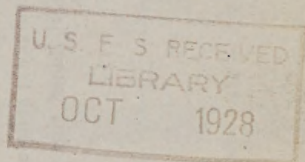


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FOREST PRODUCTS RESEARCH IN PICTURES

NO. 71

**MOISTURE RESISTANCE OF  
COATINGS FOR WOOD**



FOREST PRODUCTS LABORATORY  
U. S. FOREST SERVICE  
MADISON, WISCONSIN

The length of each strip of wood in this group is a measure of the moisture resistance of the coating applied to it. Fifteen principal types of wood finishes are represented in the panel, which shows the results of tests made by the U. S. Forest Products Laboratory at Madison, Wisconsin. The coating samples tested were representative of grades available in the average paint store. Test pieces completely covered with the various coatings were kept in a very damp atmosphere for 14 days. The relative efficiency of the coatings was determined by the amount of moisture excluded by each, as compared with the total amount absorbed by an uncoated piece of the same size. This test was not intended to show the weathering properties of the finishing material but merely to show its ability, when new, to prevent moisture changes in the wood.

*Photograph by Forest Products Laboratory, U. S. Forest Service*

An electrotpe of this photograph  $3\frac{3}{8}$  by 5 inches, 120 - line screen,  
will be furnished at cost on application \$1.75 plus postage



# MOISTURE RESISTANCE OF COATINGS

EFFICIENCY IN PERCENT

